

adsorbing a biological material to a solid carrier, wherein the biological material comprises proteins; and

D<sup>1</sup> incubating said biological material in the presence of an alkyl phosphate-free detergent solution, wherein said detergent solution contains at least one eluotropic salt in a total concentration of at least 200 mM, wherein during incubating said proteins are desorbed into the detergent solution to yield a suspension and said microorganisms and pyrogens are inactivated.

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55. (Amended) The method according to claim 43, wherein said incubating is performed for a period ranging from 10 minutes to 10 hours.

D<sup>2</sup> 56. (Amended) The method according to claim 43, wherein said incubating is performed for a period ranging from 1 hour to 5 hours.

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62. (Twice amended) A method of inactivating microorganisms and pyrogens present in biological materials to yield a biological preparation, wherein the method comprises:

D<sup>3</sup> adsorbing a biological material to a solid carrier, wherein the material comprises proteins;

incubating said biological material in the presence of an alkyl phosphate-free detergent solution, wherein said detergent solution contains at least one eluotropic salt in a total concentration of at least 200 mM, wherein during incubating said proteins are

D<sup>3</sup> desorbed into the detergent solution to yield a suspension and said microorganisms and pyrogens are inactivated; and

purifying said proteins from said suspension to yield a biological preparation.

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D<sup>4</sup> 73. (Amended) A suspension prepared according to claim 43.

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D<sup>5</sup> 75. (Amended) A preparation prepared according to claim 62.

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76. (New) A biological preparation obtainable by a method of inactivating microorganisms and pyrogens in a biological material, wherein the method comprises:  
adsorbing said biological material to a solid carrier, wherein the biological material comprises proteins;

D<sup>6</sup> incubating said biological material in the presence of an alkyl phosphate-free detergent solution, wherein said detergent solution contains at least one eluotropic salt in a total concentration of at least 200 mM, wherein during incubating said proteins are desorbed into the detergent solution to yield a suspension and said microorganisms and pyrogens are inactivated; and

purifying said proteins from said suspension to yield said biological preparation.

77. (New) The biological preparation according to claim 76, wherein the preparation comprises at least one blood protein selected from the group consisting of factor II, factor V, factor VII, factor VIII, factor IX, factor X, factor XI, factor XII, von Willebrand factor, protein C, protein S, and protein Z.

78. (New) The method according to claim 43, wherein said method yields a suspension that comprises at least one blood protein selected from the group consisting of factor II, factor V, factor VII, factor VIII, factor IX, factor X, factor XI, factor XII, von Willebrand factor, protein C, protein S, and protein Z.

79. (New) The method according to claim 62, wherein said purifying yields a biological preparation that comprises at least one blood protein selected from the group consisting of factor II, factor V, factor VII, factor VIII, factor IX, factor X, factor XI, factor XII, von Willebrand factor, protein C, protein S, and protein Z.

D<sup>6</sup>  
80. (New) The method according to claim 62, wherein said purifying is performed by diluting the suspension and contacting the diluted suspension with a solid carrier, whereby said proteins are readsorbed to said carrier and said inactivated microorganisms and pyrogens remain with said detergent of said suspension.

81. (New) The biological preparation according to claim 76, wherein said purifying is performed by diluting the suspension and contacting the diluted suspension with a solid carrier, whereby said proteins are readsorbed to said carrier and said inactivated microorganisms and pyrogens remain with said detergent of said suspension.